DOCKET NO.: ISIS-4313

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 1

In Re Application of:

Stanley T. Crooke

Serial No.: 09/479,783

Group Art Unit: Not Yet Assigned

Filing Date: January 7, 2000

Examiner: Not Yet Assigned

OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING For: RNA

DATE OF DEPOSIT: 9 FEBRUARY 2000

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS. WASHINGTON, DC 20231

TYPED NAME: Paul K. L. REGISTRATION NO.: 38,534

Assistant Commissioner for Patents Washington DC 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

M In accordance with §1.97(b), since this Information Disclosure Statement is being

filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

	In accordance with §1.129(a), this Information Disclosure Statement is being
	filed in connection with \square the first or \square second After Final Submission,
	therefore:
	☐ Certification in Accordance with §1.97(e) is attached; or
	\Box The fee of \$240.00 as set forth in \$1.17(p) is attached.
	In accordance with §1.97(c), this Information Disclosure Statement is being filed
	after the period set forth in §1.97(b) above but before the mailing date of either
	a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
	☐ Certification in Accordance with §1.97(e) is attached; or
	\Box The fee of \$240.00 as set forth in §1.17(p) is attached.
	In accordance with $\S1.97(d),$ this Information Disclosure Statement is being filed
	after the mailing date of either a Final Action under §1.113 or a Notice of
	Allowance under §1.311 but before, or simultaneously with, the payment of the
	Issue Fee, therefore included are: Certification in Accordance with §1.97(e);
	Petition Requesting Consideration of the Information Disclosure Statement; and
_	the fee of $$130.00$ as set forth in $$1.17(i)(1)$.
	Copies of each of the references listed on the attached Form PTO-1449 are
	enclosed herewith.
\boxtimes	Copies of references listed on the attached Form PTO-1449 are enclosed herewith
	EXCEPT THAT:
	☐ In view of the voluminous nature of references AA-AC, and the

likelihood that these references were available to the Examiner, copies

were not enclosed in application Serial No. 08/659,040.

 \bowtie

- 冈 In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C.§120 have been made in the instant application:
- Copies of references AD-BI, EL-FK, and FN-FV listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 08/659,440, filed June 6, 1996; Copies of references BJ-EK, FL-FM, and FW-GF listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 08/870,608, filed June 6, 1997.
 - If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

The relevance of reference FL is as follows:

This reference provides the melting point of a particular nucleoside which can be purified by column chromatography using a gradient of methanol in ethyl acetate (0-10%) and crystallizing the product from absolute ethanol to give white needles.

English language abstracts were provided for all other listed references which were not in the English language.

9 FEBRUARY 2000

WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP One Liberty Place - 46th Floor

Philadelphia, PA 19103 Telephone: (215) 568-3100 Facsimile: (215) 568-3439

Paul K. Legaard Registration No. 38,534

© 1997 WWKMN